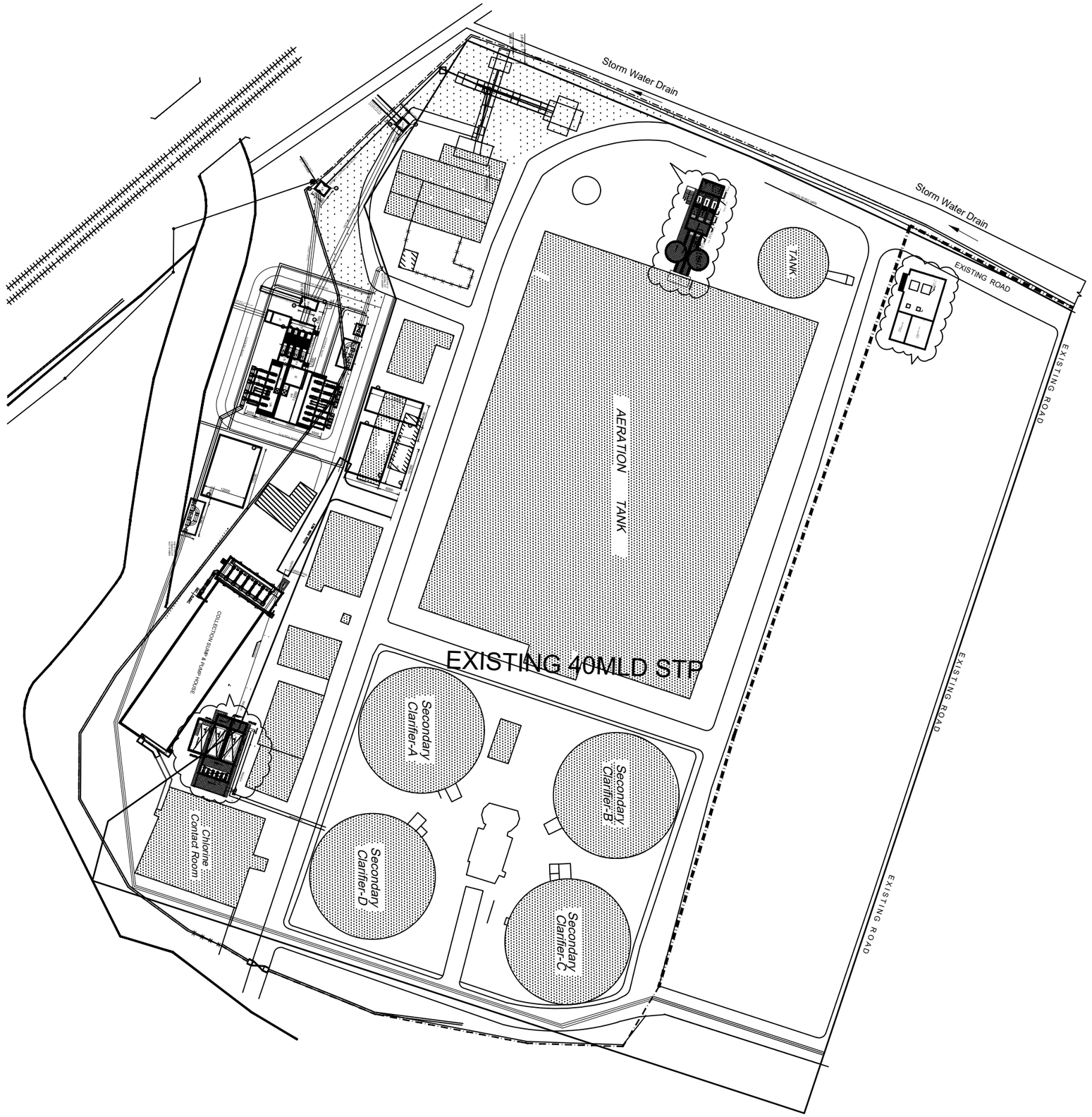


## UPGRADATION OF RAJA CANAL PHASE I STP

| PROPOSED FINE SCREEN AND VORTEX GRIT CHAMBER | | | |
|---|---|---|---|
| Sr. No. | DESCRIPTION | QTY | SIZE |
| 1 | FINE SCREEN INLET CHAMBER | 1 | 3000 x 6000 x 1600MM SWD |
| 2 | FINE SCREEN CHANNELS | 3 | 1500 WIDE x 8000MM LONG x 700MM LD |
| 3a | FINE SCREEN EFFLUENT/GRIT BASIN DISTRIBUTION CHANNEL | 1 | 3300 WIDE x 6000MM LONGx 1600MM LD |
| 3b | GRIT INLET CHANNEL | 2 | 1370 x 4500 x 750MM LD |
| 4 | GRIT BASINS | 2 | 5500 DIA x 1700MM LD |
| 5 | GRIT EFFLUENT CHANNEL | 2 | 1370 x 2500 x 600MM LD |

| | CENTRIFUGE BUILDING (TWO STOREY) | | |
|---|---|---|---|
| 1 | CENTRIFUGE BUILDING (GROUND FLOOR) | 1 | 20700 Lx 10700 B x10000MM HT. |
| 2 | CENTRIFUGE BUILDING (FIRST FLOOR) | 1 | 9000 L x 10100 B x 5000MM HT. |

| DISC FILTER BUILDING | | | |
|---|---|---|---|
| Sr. No. | DESCRIPTION | QTY | SIZE |
| 1 | INLET DROP CHAMBER | 2 | 4000 Wx 2500 L x 1860MM D |
| 2 | DISC FILTER UNIT | 2 | 4000 Wx 9000 L x 1860MM D |
| 3 | OUTLET DROP CHAMBER | 1 | 8300 Wx 5000 L x 1860MM D |
| 4 | DISC FILTER PUMP HOUSE | 1 | 14200 Wx18200 L x 6400MM H |

| REV. | DATE OF ISSUE | PREPARED BY | CHECKED BY | VALIDATED BY | PM | TENDER PURPOSE |
|---|---|---|---|---|---|---|
| | | | | | | |

CLIENT: BANGALORE WATER SUPPLY AND SEWERAGE BOARD

CONSULTANT: NJS ENGINEERS INDIA PVT. LTD

PROJECT: UPGRADATION OF 40 MLD RAJACANAL PHASE I PROJECT

TITLE: LAYOUT PLAN OF AT RAJACANAL PHASE I (SHEET-1 OF 1)

| | | | |
|---|---|---|---|
| DRAWN BY : | PR | VERIFIED BY : | VC |
| DESIGNED BY: | VC | APPROVED BY : | AGN |

| SCALE: | DRG. NO. | DATE | REV. |
|---|---|---|---|
| NTS | NJSEI/BLR/DPR/RAJ1-40/STP/LAY/7A | 15-12-22 | R0 |